Title (en)

ULTRAVIOLET CURABLE PHENYL AND ACRYLAMIDE GROUP-CONTAINING SILICONE COMPOSITIONS

Publication

EP 0400785 A3 19911016 (EN)

Application

EP 90303225 A 19900327

Priority

US 33563889 A 19890410

Abstract (en)

[origin: EP0400785A2] Compositions which are made up of acrylamide functional polyorganosiloxane and other non-silicon ingredients are compatible when the polyorganosiloxane contains from 5 to 50 mole percent aromatic groups bonded to the silicon atoms. These compositions can contain reactive diluents, photoinitiators and other non-silicon compounds. The compositions have low temperature properties and cure faster when exposed to ultraviolet radiation as the aromatic content increases. The compatibility with non-silicon compounds increases as the aromatic content increases and the spectrum of kinds of compounds and their amounts increases with increasing aromatic content. These compositions are useful in the electrical and electronic industry.

IPC 1-7

C08L 83/08

IPC 8 full level

C08F 290/00 (2006.01); **C08F 299/08** (2006.01); **C08G 77/26** (2006.01); **C08G 77/28** (2006.01); **C08L 83/08** (2006.01); **C09D 183/08** (2006.01); **G03F 7/075** (2006.01)

CPC (source: EP KR)

C08F 299/08 (2013.01 - EP); **C08L 83/04** (2013.01 - KR); **C08L 83/08** (2013.01 - EP); **C09D 183/08** (2013.01 - EP); **G03F 7/0757** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

EP 0400785 A2 19901205; **EP 0400785 A3 19911016**; **EP 0400785 B1 19950920**; AU 5300090 A 19901011; AU 623989 B2 19920528; CA 2013020 A1 19901010; DE 69022482 D1 19951026; DE 69022482 T2 19960509; JP H02294314 A 19901205; KR 900016385 A 19901113

DOCDB simple family (application)

EP 90303225 A 19900327; AU 5300090 A 19900409; CA 2013020 A 19900326; DE 69022482 T 19900327; JP 9238890 A 19900409; KR 900004886 A 19900410